

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: KI-BONG YUN

Original Patent No. 5,808,982 issued on 15 September 1998

Serial No.:

to be assigned

Examiner:

to be assigned

Filed:

15 September 2000

Art Unit:

to be assigned

For:

DISK CALIBRATION AND SEARCH METHOD IN A CD-ROM DRIVE

**SYSTEM** 

## **INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, provides copies and discusses the following art references:

- U.S. Patent No. 5,590,101 to Itoi, entitled TRACK JUMP CONTROLLER
   FOR OPTICAL DISK RECORDING, issued on December 31, 1996;
- 2. U.S. Patent No. 5,646,915 to Ogino, entitled INFORMATION

  RECORDING/REPRODUCING APPARATUS IN WHICH A CONTROL

  VALUE FOR CONTROLLING A RECORDING/REPRODUCING HEAD IS

  GENERATED ON THE BASIS OF A CORRECTED CURRENT MOVING

### VELOCITY AND A TARGET MOVING VELOCITY, issued on July 8, 1997;

- U.S. Patent No. 5,719,836 to Lewis, entitled OPTICAL SEEKING METHOD
   AND APPARATUS GENERATING TRACK COUNT SIGNAL FROM
   TRACKING ERROR SIGNAL AND DATA SIGNAL, issued on February 17,
   1998;
- 4. U.S. Patent No. 5,604,720 to Kimura et al., entitled METHOD AND APPARATUS FOR ACCESSING A TARGET TRACK ON OPTICAL MEDIUM, issued on February 18 1997;
- 5. U.S. Patent No. 5,592,448 to Suzuki et al., entitled ACCESS CONTROL

  APPARATUS FOR OPTICAL DISK ACCORDING CHANGE OF TRACK

  PITCH, issued on January 7, 1997;
- 6. U.S. Patent No. 5,481,517 to Yoshimoto *et al.*, entitled *TRACK JUMP*CONTROL MEANS FOR A DISK APPARATUS, issued on January 2, 1996;
- 7. U.S. Patent No. 5,477,513 to Onodera et al., entitled INFORMATION

  RECORDING/REPRODUCING APPARATUS FOR OPTICAL

  INFORMATION RECORDING MEDIUM USING REFERENCE LEVELS TO

  CONTROL TRACK JUMPS, issued on December 19, 1995;

- 8. U.S. Patent No. 5,408,454 to Hasegawa, entitled TRACK JUMP CONTROLLING APPARATUS, issued on April 18, 1995;
- 9. U.S. Patent No. 5,323,368 to Semba, entitled TRACK CROSSING

  APPARATUS AND METHOD USING THE DIFFERENCE BETWEEN

  PICK-UP VELOCITY AND A PREDETERMINED VELOCITY, issued on

  June 21, 1994;
- U.S. Patent No. 5,398,222 to Kim, entitled METHOD AND APPARATUS OF MEASURING SEEK TIME USING OPTICAL DISK APPARATUS, issued on March 14, 1995;
- U.S. Patent No. 5,285,432 to Nakane, entitled TRACK JUMP CONTROL
   CIRCUIT, issued on February 8, 1994;
- 12. U.S. Patent No. 4,989,190 to Kuroe *et al.*, entitled *APPARATUS FOR SEEKING A TRACK OF AN OPTICAL DISK IN WHICH INFORMATION IS RECORDED*, issued on January 29, 1991;
- U.S. Patent No. 4,955,009 to Nakatsu et al., entitled OPTICAL DISK DRIVE
   APPARATUS HAVING COUNTER DISABLE AT SEEK START-UP, issued
   on September 4, 1990;

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14. U.S. Patent No. 4,740,939 to Kimura et al., entitled APPARATUS FOR

REPRODUCING INFORMATION RECORDED ON A DISK, issued on April

26, 1988; and

15. U.S. Patent No. 4,719,610 to Bates et al., entitled OBJECTIVE LENS

VELOCITY CONTROL SYSTEM FOR USE IN AN OPTICAL DATA

STORAGE SYSTEM, issued on January 12, 1988.

The citation of the foregoing references is not intended to constitute an assertion that other

or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-

ranging and thorough search of the relative arts.

No fee is incurred by this Statement.

Respectfully submitted,

Robert E. Bushnell

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Folio: P56169RE

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I.D.: REB/kf

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# TRANSMITTAL OF DECLARATIONS

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

This transmittal accompanies the executed following declarations:

- 1. Reissue Application Declaration by the Assignee (PTO/SB/52) Loss of Letters Patent being combined therein; and
- 2. Reissue Application Declaration by the Inventor (PTO/SB/51).

for the above captioned reissue application.

Respectfully submitted,

Robert E. Bushnell,

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Folio: P56169RE Date: 09/15/0 I.D.: REB/kf